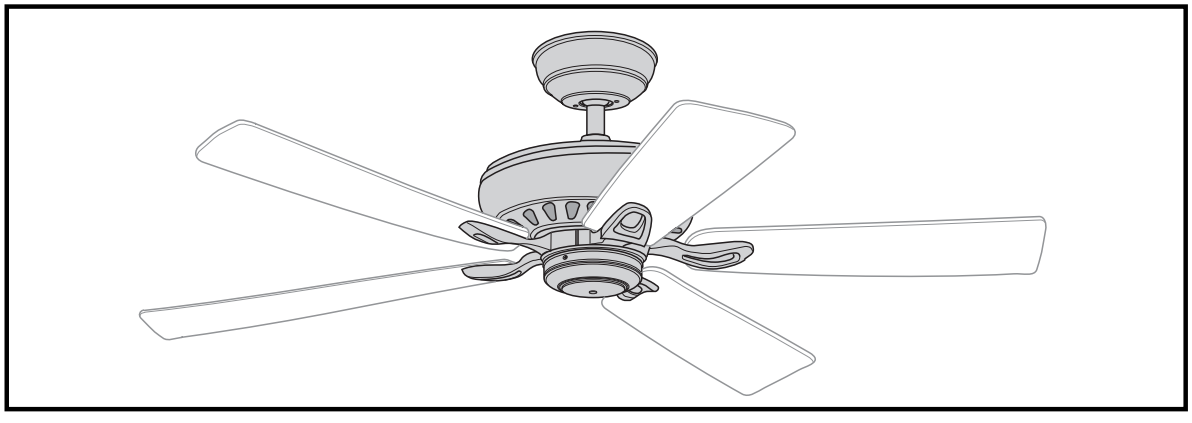
# *READ AND SAVE THESE INSTRUCTIONS*

**44", 54", or 60" Fan Blades**
**Not Included**
***(B79 Not Recommended)***

Blade Select SERIES

EMERSON™



# PENBROOKE SELECT™

## Ceiling Fan Owner's Manual

**Model Numbers**

**CF5100BS00 - Brushed Steel**
**CF5100GES00 - Golden Espresso**
**CF5100ORB00 - Oil Rubbed Bronze**
**CF5100SW00 - Satin White**
**CF5100VNB00 - Venetian Bronze**
**CF5100VS00 - Vintage Steel**

Net Weight: 20.2 Lbs.

Questions, problems, missing parts: Before returning to the store call
Emerson Electric Customer Service
8 a.m. - 6 p.m., Eastern, Monday-Friday

**1-800-654-3545**

**www.emersonfans.com**

Part No. F40BP74800000
Revision: 131218

Form No. BP7480
U.L. Model No.: CF5100

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## *READ AND SAVE THESE INSTRUCTIONS*

# Safety Instructions

**⚠ WARNING**

**TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:**

**a. Use this unit only in a manner intended by the manufacturer. If you have questions, contact the manufacturer.**

**b. Before servicing or cleaning unit, switch power off at service panel and lock service panel disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a warning device, such as a tag, to the service panel.**

1. **Read your owner's manual carefully and keep it for future reference.**
2. **Be careful of the fan and blades when cleaning, painting, or working near the fan. Always turn off the power to the ceiling fan before servicing.**
3. **Do not put anything into the fan blades while they are turning.**
4. **Do not operate reversing switch until fan blades have come to a complete stop.**

## Additional Safety Instructions for Installation

1. **To avoid possible shock, be sure electricity is turned off at the fuse box before wiring, and do not operate fan without blades.**
2. **All wiring must be in accordance with the National Electrical Code "ANSI/NFPA 70-2014" and Local Electrical Codes. Use the National Electrical Code if Local Codes do not exist. The ceiling fan must be grounded as a precaution against possible electrical shock. Electrical installation should be made or approved by a licensed electrician.**
3. **The outlet box and joist must be securely mounted and capable of reliably supporting at least 50 pounds. Use only U.L. outlet boxes listed as "Acceptable for Fan Support of 22.7 kg. (50 lbs.) or less", and use the mounting screws provided with the outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.**
4. **The downrod furnished with the fan provides the minimum recommended floor to fan blade clearance for an 8 foot ceiling.**
5. **The fan must be mounted with the fan blades at least 7 feet from the floor to prevent accidental contact with the fan blades.**
6. **Follow the recommended instructions for the proper method of wiring your ceiling fan. If you do not know enough about electrical wiring, have your fan installed by a licensed electrician.**

**WARNING: To reduce the risk of electrical shock, this fan must be installed with an isolating wall control/ switch.**

**NOTE: This fan is suitable for use with solid-state speed controls.**

**WARNING: This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use this product by Emerson Electric Co. Substitution of parts or accessories not designated for use with this product by Emerson could result in personal injury or property damage.**

**WARNING: To reduce the risk of personal injury, do not bend the blade flange when installing the blade flanges, balancing the blades or cleaning the fan. Do not insert foreign objects in between rotating fan blades.**

**WARNING: To avoid fire, shock or injury, do not use an Emerson or any other brand of control not specifically approved for this fan.**

**NOTE: All setscrews must be checked and re-tightened where necessary before installation.**

**DATE CODE:** _____

The date code of this fan may be found on the box, stamped in ink on a white label. You should record this data above and keep it in a safe place for future use.

# 1. Unpacking Instructions

**⚠ WARNING**

**Do not install or use fan if any part is damaged or missing. Call Toll-Free:**

**1-800-654-3545**

**⚠ WARNING**

**This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use with this product by Emerson Electric Co. Substitution of parts or accessories not designated for use with this product by Emerson Electric Co. could result in personal injury or property damage.**

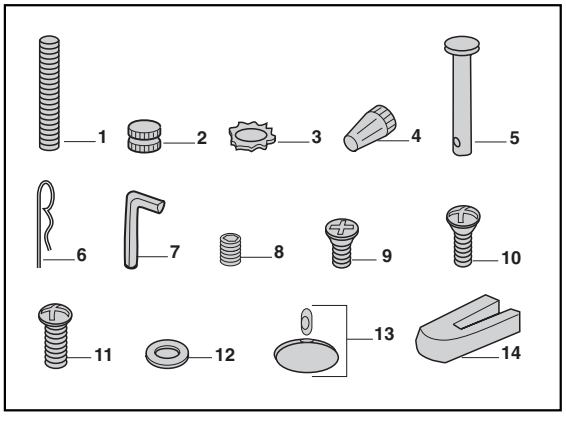
## 1.1

Check to see that you have received the following parts:

**NOTE: If you are uncertain of part description, refer to exploded view illustration.**

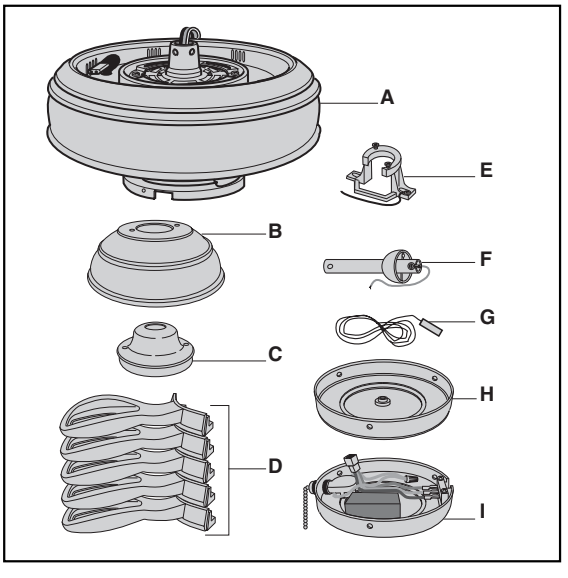
### HARDWARE CONTENTS

| Part | Description | Quantity |
|---|---|---|
| 1 | Threaded Studs, #8-32 x 1-1/4" | 4 |
| 2 | Knurled Knobs, #8-32 | 4 |
| 3 | Lockwashers, External Tooth #8 | 4 |
| 4 | Wire Connectors, 12 ga. | 5 |
| 5 | Clevis Pin | 1 |
| 6 | Hairpin Clip | 1 |
| 7 | Setscrew Wrench | 1 |
| 8 | Setscrew | 1 |
| 9 | #6-32 x 3/8" Flat Head Screws | 4 |
| 10 | #10-32 x 5/8" Oval Head Screws | 11 |
| 11 | #10-24 x 12mm Round Head Screws | 21 |
| 12 | Flat Washers | 21 |
| 13 | Pendant & Coupling | 1 each |
| 14 | Blade Balance Kit | 1 |




### PACKAGE CONTENTS

| Part | Description | Quantity |
|---|---|---|
| A | Fan Motor & Housing Assembly | 1 |
| B | Ceiling Cover | 1 |
| C | Motor Coupler Cover | 1 |
| D | Blades Flanges | 5 |
| E | Hanger Bracket | 1 |
| F | Hanger Ball / Downrod Assembly | 1 |
| G | Accent Light Harness | 1 |
| H | Switch Cup | 1 |
| I | Switch Cup Assembly (Use w/Manual Switches) | 1 |




**NOTE: Place the parts from the loose parts bags in a small container to keep them from being lost. If any parts are missing, contact your local retailer or catalog outlet for replacement before proceeding.**

## 1.2

Remove and discard the two cardboard shipping retainers securing the motor hub in the motor housing assembly.

## 1.3

Remove the fan motor assembly from the protective plastic bag. Place the fan assembly into the upper foam pad with the bottom of the motor facing up.

The upper foam pad serves as a holder for the fan during assembly.

# 1. Unpacking Instructions (continued)

## This Manual Is Designed to Make it as Easy as Possible for You to Assemble, Install, Operate and Maintain Your Ceiling Fan

### Tools Needed for Assembly

One Phillips head screwdriver
One 1/4" blade screwdriver
One stepladder
One wire stripper

### Materials

Wiring outlet box and box connectors must be of type required by the local code. The minimum wire would be a 3-conductor (2-wire with ground) of following size:

| Installed Wire Length | Wire Size A.W.G. |
|---|---|
| Up to 50 ft. | 14 |
| 50-100 ft. | 12 |

**⚠ WARNING**

**Before assembling your ceiling fan, refer to section on proper method of wiring your fan (page 10). If you feel you do not have enough wiring knowledge or experience, have your fan installed by a licensed electrician.**

# 2. Electrical Requirements

Your new ceiling fan will require a grounded electrical supply line of 120 volts AC, 60 Hz, 15 amp circuit.

**⚠ WARNING**

**To reduce the risk of fire, electric shock, or personal injury, mount fan to outlet box marked "Acceptable for Fan Support of 22.7 kg. (50 lbs.) or less", and use screws supplied with outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.**

**⚠ WARNING**

**Turning off wall switch is not sufficient. To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring. All wiring must be in accordance with National and Local codes and the ceiling fan must be properly grounded as a precaution against possible electrical shock.**

The outlet box must be securely anchored and capable of withstanding a load of at least 50 pounds.

If your fan is to replace an existing ceiling light fixture, turn electricity off at the main fuse box at this time and remove the existing light fixture.

**⚠ WARNING**

**To avoid fire or shock, follow all wiring instructions carefully.**

**Any electrical work not described in these instructions should be done or approved by a licensed electrician.**

# 3. Ceiling Fan Assembly

## 3.1

Mount the fan blade (sold separately) using the four #10-24 x 12mm round head screws and flat washers (supplied) to secure flange to blade (Figure 1).

Repeat for the remaining four blades.

**NOTE: Some accessory blades are supplied with shorter screws. These shorter screws MUST be used to assemble the blades to flanges.**

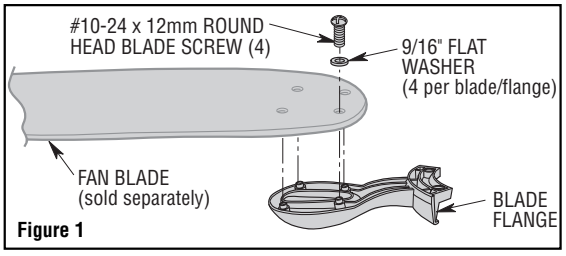


Figure 1

## 3.2

Rotate the motor hub to expose the motor flange holes through the switch cup adapter.

Attach a blade assembly to the motor hub using two 10-32 x 5/8" oval head screws (supplied) (Figure 2). Do not tighten completely at this time.

Install remaining blade assemblies in the same way. Gently snug all flange screws to the motor hub, working around the hub in a clockwise sequence.

The blade flanges have an interlocking feature that must be fully engaged before tightening the screw. Make sure all the flanges are properly engaged and then tighten the flange screws. If one of the flanges does not seat properly on the motor hub, loosen the adjacent flange screws, re-engage and reseat the flanges, then tighten the screws again.

**NOTE: Take care not to scratch fan housing assembly when installing blades.**

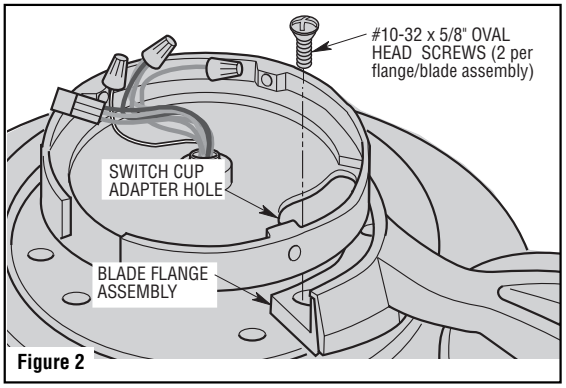


Figure 2

**⚠ WARNING**

**To reduce the risk of personal injury, do not bend the blade flange when installing the blade flanges, balancing the blades or cleaning the fan. Do not insert foreign objects in between rotating fan blades.**

## Installation of Switch Cup for Accessory Control

## 3.3

Position the switch cup on the switch cup adapter and align the holes in the switch cup with the holes in the adapter. Secure the switch cup adapter by installing the three #6-32 x 3/8" flat head screws (provided) (Figure 3).

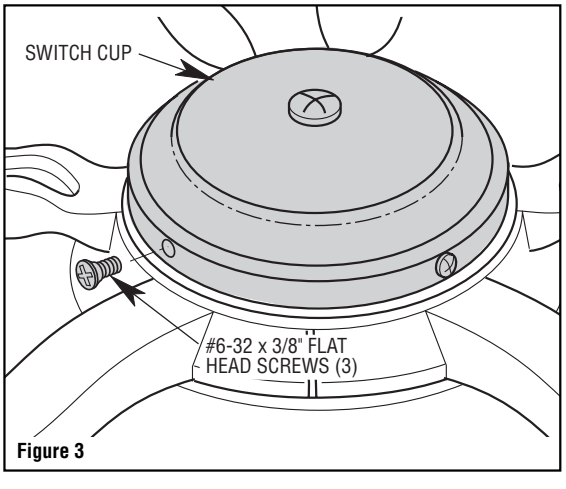


Figure 3

## Installation of Switch Cup Assembly for Manual Control

### 3.4

Engage the connector of the switch cup assembly with the motor connector (Figure 4). The two connectors are keyed and color-coded and must be mated correctly (color-to-color) before they can be engaged. Make sure the connector latch closes properly.

Rotate the switch cup assembly to align the pull chain switch with the slot of the switch cup adapter (Figure 4).

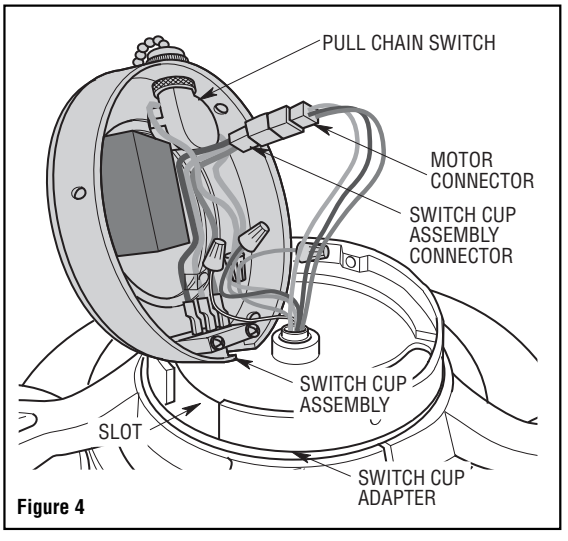



**Figure 4**

## Installation of Switch Cup Assembly for Manual Control

### 3.5

Carefully tuck all wires and connectors under the switch cup assembly.

Secure the switch cup assembly by installing the three #6-32 x 3/8" flat head screws (provided) (Figure 5).

**⚠ WARNING**

**To avoid possible fire or shock, do not pinch wires between the switch cup assembly and the switch cup adapter.**

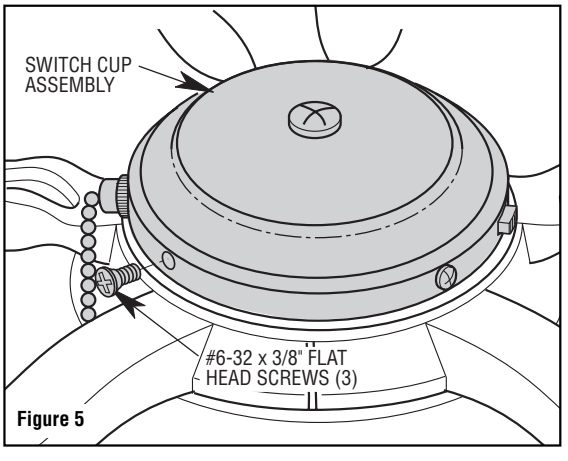



**Figure 5**

### 3.6

Turn the partially assembled ceiling fan right side up for final preparation. Place the fan carefully onto the top of the styrofoam as not to bend the ceiling fan blades (Figure 6).

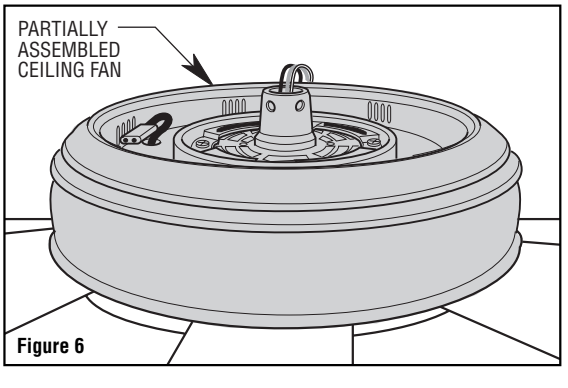



**Figure 6**

# 3. Ceiling Fan Assembly (continued)

## 3.7

Remove the hanger ball by loosening the setscrew in the hanger ball until the ball falls freely down the downrod (Figure 7). Remove the pin from the downrod, then remove the hanger ball. Retain the pin and hanger ball for reinstallation in Step 3.13.

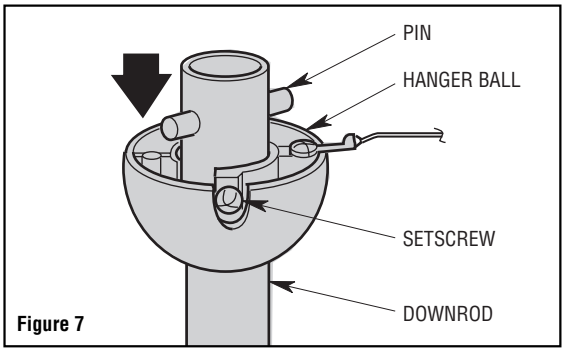



**Figure 7**

## 3.8

Loosen setscrew in motor coupling if necessary. Separate, untwist and unkink the three 80” motor leads. Route the motor lead wires through the downrod. Align the clevis pin holes in the downrod with the holes in the motor coupling. Install the clevis pin and secure with the hairpin clip (Figure 8). The clevis pin must go through the holes in the motor coupling and the holes in the downrod. Be sure to push the straight leg of the hairpin clip through the hole near the end of the clevis pin until the curved portion of the hairpin clip snaps around the clevis pin. The hairpin clip must be properly installed to prevent the clevis pin from working loose. Pull on the downrod to make sure the clevis pin is properly installed.

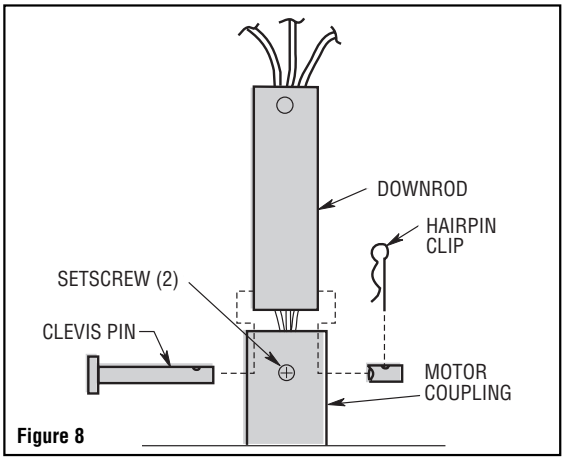



**Figure 8**

## 3.9

Install the setscrew (supplied in loose parts bag) in the motor coupling and tighten using the 5/32" setscrew wrench (supplied) (Figure 9).

**⚠ WARNING**

**It is critical that the clevis pin in the motor coupling is properly installed and the setscrew securely tightened. Failure to verify that the pin and setscrew are properly installed could result in the fan falling.**

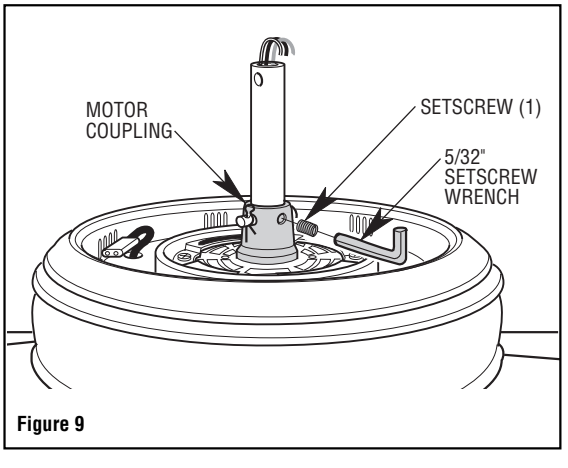



**Figure 9**

# 3. Ceiling Fan Assembly (continued)

## 3.10

Screw two #8-32 x 1-1/4” threaded studs (provided) into the motor (Figure 10). Leave approximately 7/8” of the stud extending above the motor.

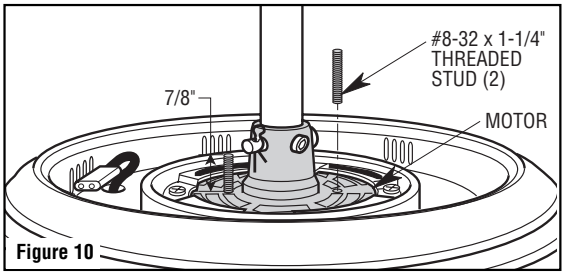


Figure 10

## 3.11

**NOTE: Make sure the red and brown leads are capped with wire connectors. During installation of coupler cover, be sure the red and brown wire connectors are completely inside motor coupler cover and not pinched between the motor coupler cover and motor.**

Slide the motor coupler cover over the downrod and rotate the cover until the threaded studs protrude (Figure 11).

Install the two #8 external tooth lockwashers and #8-32 knurled knobs (supplied) to secure the motor coupler cover (Figure 11).

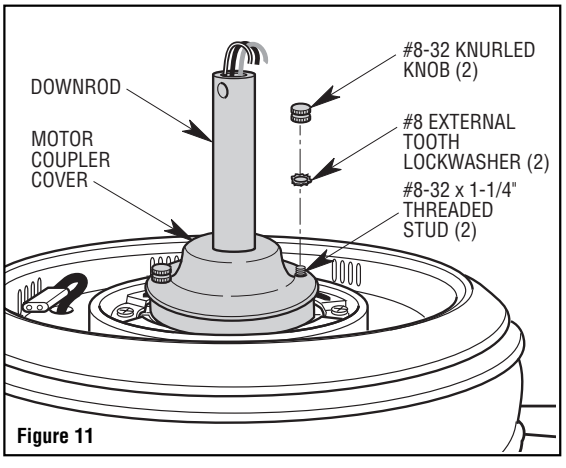


Figure 11

## 3.12

Pass the 80-inch long motor leads through the opening in the ceiling cover. Be sure the cover is oriented as shown (Figure 12).

## 3.13

Reinstall the hanger ball (Figure 12) on the downrod as follows. Route the motor leads through the downrod. Position the pin through the two holes in the downrod and align the ball so the pin is captured in the groove in the top of the hanger ball. Pull the hanger ball up tight against the pin and securely tighten the setscrew in the hanger ball. A loose setscrew could create fan wobble.

## 3.14

The fan comes with blue, black and white leads that are 80-inches long. Before installing the fan, measure up approximately 6 to 9-inches above top of hanger ball/downrod assembly. Cut off excess leads and strip back insulation 1/2-inch from end of leads.

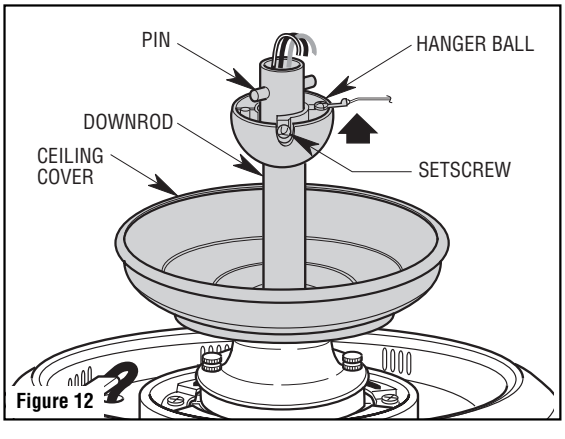


Figure 12

**⚠ WARNING**

**It is critical that the pin in the hanger ball is properly installed and the setscrew securely tightened. Failure to verify that the pin and setscrew are properly installed could result in the fan falling.**

# 4. How to Hang Your Ceiling Fan

**⚠ WARNING**

**The fan must be hung with at least 7' of clearance from floor to blades (Figure 13).**

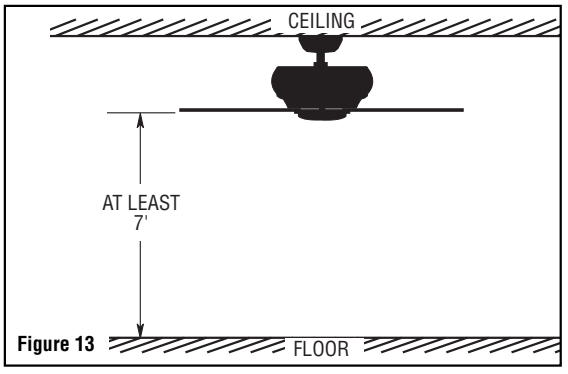



**Figure 13**

**⚠ WARNING**

**The outlet box and joist must be securely mounted and capable of supporting at least 50 lbs. Use only a U.L. outlet box listed as "Acceptable for Fan Support of 22.7 kg. (50 lbs.) or less".**

**⚠ WARNING**

**To reduce the risk of fire, electric shock, or personal injury, mount fan to outlet box marked "Acceptable for Fan Support of 22.7 kg. (50 lbs.) or less", and use screws supplied with outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.**

## 4.1

Securely attach the hanger bracket to the outlet box using the two screws supplied with the outlet box. (Figure 14.)

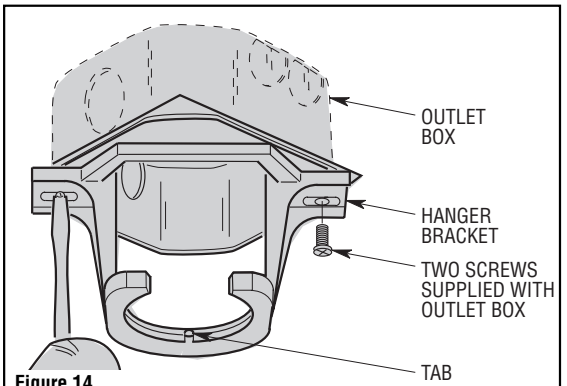



**Figure 14**

**⚠ WARNING**

**Hanger bracket must seat firmly against outlet box. If the outlet box is recessed, remove wall board until bracket contacts box. If bracket and/or outlet box are not securely attached, the fan could wobble or fall.**

## 4.2

Screw the two 1-1/4" threaded studs (supplied) into the tapped holes in the hanger bracket (Figure 15).

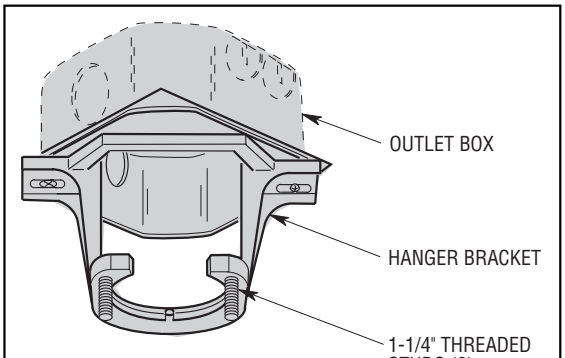



**Figure 15**

# 4. How to Hang Your Ceiling Fan (continued)

## 4.3

Carefully lift the fan and seat the hanger ball/downrod assembly on the hanger bracket that was just attached to the outlet box (Figure 16). Be sure the groove in the ball is lined up with tab on the hanger bracket (Figure 15).

**⚠ WARNING**

**Failure to seat tab in groove could cause damage to electrical wires and possible shock or fire hazard.**

**⚠ WARNING**

**To avoid possible fire or shock, do not pinch wires between the hanger ball/downrod assembly and hanger bracket.**

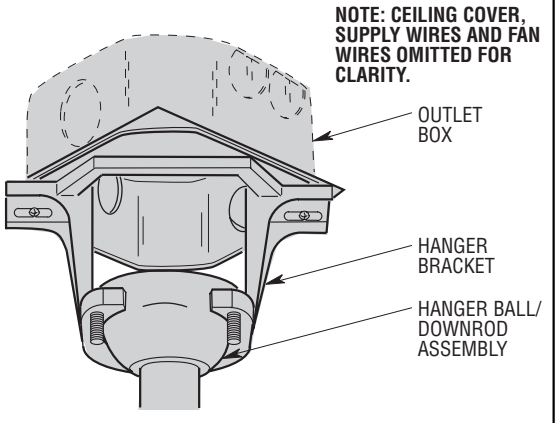

NOTE: CEILING COVER, SUPPLY WIRES AND FAN WIRES OMITTED FOR CLARITY.
OUTLET BOX
HANGER BRACKET
HANGER BALL/ DOWNROD ASSEMBLY

**Figure 16**

# 5. How to Wire Your Ceiling Fan

**If you feel that you do not have enough electrical wiring knowledge or experience, have your fan installed by a licensed electrician.**

**⚠ WARNING**

**To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring.**

**NOTE: If you are not sure if the outlet box is grounded, contact a licensed electrician for advice, as it must be grounded for safe operation.**

## 5.1

Connect the green grounding lead from the hanger ball and the green grounding lead from the hanger bracket to the grounding conductor of supply (this may be a bare wire or wire with green colored insulation). Securely connect wires with wire connectors supplied.

## 5.2

Securely connect the fan motor white wire to the supply white (neutral) wire using wire connector supplied (Figure 17). Securely connect the fan motor black and blue wires to the supply black (hot) wire using wire connector supplied (Figure 17). After connections have been made, turn leads upward and carefully push leads into the outlet box, with the white and green leads on one side of the outlet box and the black and blue leads on the other side of the outlet box.

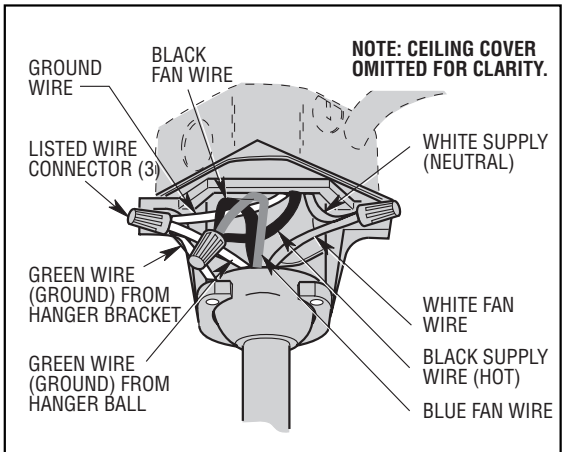

GROUND WIRE
BLACK FAN WIRE
NOTE: CEILING COVER OMITTED FOR CLARITY.
LISTED WIRE CONNECTOR (3)
WHITE SUPPLY (NEUTRAL)
GREEN WIRE (GROUND) FROM HANGER BRACKET
WHITE FAN WIRE
BLACK SUPPLY WIRE (HOT)
GREEN WIRE (GROUND) FROM HANGER BALL
BLUE FAN WIRE

**Figure 17**

**⚠ WARNING**

**Check to see that all connections are tight, including ground, and that no bare wire is visible at the wire connectors, except for the ground wire. Do not operate fan until blades are in place. Noise and fan damage could result.**

# 6. Final Assembly

## 6.1

Lift the ceiling cover up to the threaded studs and turn until studs protrude through the holes in the ceiling cover (Figure 18).

## 6.2

Secure the ceiling cover in place by sliding lockwashers over the threaded studs and installing the two knurled knobs (supplied). (Figure 18). Tighten the knurled knobs securely until the ceiling cover fits snugly against the ceiling and the hole in the ceiling cover is clear of the downrod.

**⚠ WARNING**

**To avoid possible fire or shock, make sure that the electrical wires are completely inside the outlet box and not pinched between the ceiling cover and the ceiling.**

**⚠ WARNING**

**This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use with this product by Emerson Electric Co. Substitution of parts or accessories not designated for use with this product by Emerson Electric Co. could result in personal injury or property damage.**

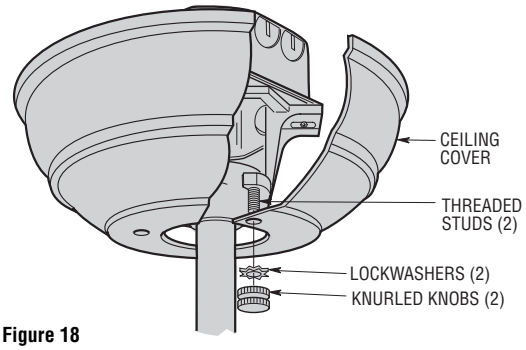



**Figure 18**

Please call Emerson technical support at 1-800-654-3545 if you have any questions about installation and operation of this ceiling fan.

# 7. Switch Cup - Manual Control

## 7.1

Restore electrical power to the outlet box by turning the electricity on at the main fuse box.

Check the operation of the fan by gently pulling on the pull chain switch.

All fans are shipped from the factory with the reversing switch positioned “left” to circulate air downward. If airflow is desired in opposite direction, turn your fan OFF and wait for the blades to stop turning, then slide the reversing switch to the “right” position, and turn fan on again (Figure 19).

The fan blades will turn in the opposite direction and reverse the airflow.

Your fan model is equipped with a 4-position, 3-speed pull chain switch. The operating sequence is as follows:

| Three-Speed |
|---|
| 1st Pull—HIGH |
| 2nd Pull—Medium |
| 3rd Pull—Low |
| 4th Pull—OFF |

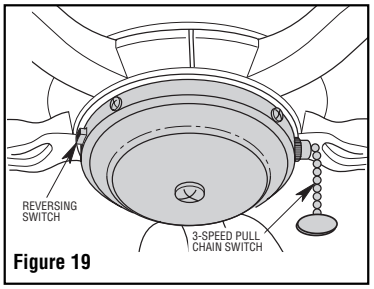



**Figure 19**

**Reverse Switch Information**

| Season | Rotation Direction | Switch Position |
|---|---|---|
| Summer | Counter-Clockwise | Left |
| Winter | Clockwise | Right |

# 8. Maintenance

**IMPORTANT CARE INSTRUCTIONS for your Ceiling Fan**

Periodic cleaning of your new ceiling fan is the only maintenance that is needed.

When cleaning, use only a soft brush or lint free cloth to avoid scratching the finish.

Abrasive cleaning agents are not required and should be avoided to prevent damage to finish.

**⚠ WARNING**

**Do not use water when cleaning your ceiling fan. It could damage the motor or the blades and create the possibility of an electrical shock.**

# 9. Accessories

Ceiling Fan Light Kits (see store or catalog).

Ceiling Fan/Light Controls (see store or catalog).

Downrod Extension Kits (see store or catalog).

**⚠ WARNING**

**The use of any other control not specifically approved for this fan could result in fire, shock and personal injury.**

**⚠ WARNING**

**This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use with this product by Emerson Electric Co. Substitution of parts or accessories not designated for use with this product by Emerson Electric Co. could result in personal injury or property damage.**

# 10. Accent Light Harness Installation

## 10.1

**NOTE: If you are planning to install an optional Emerson Accent Light Fixture on your ceiling fan, remove the coupler cover at this time for installation.**

Locate the yellow wire terminated by a wire connector on top the motor housing assembly (Figure 20).

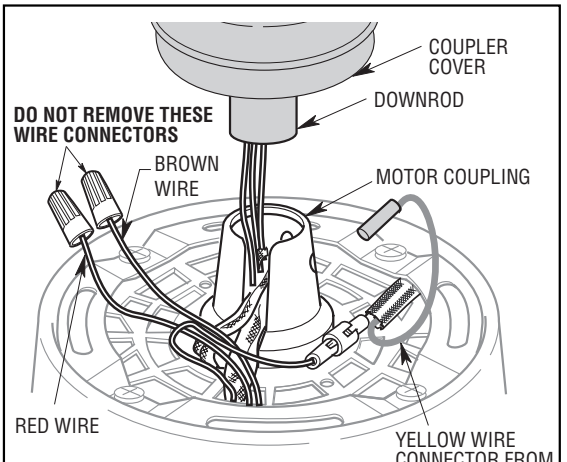



**Figure 20**

## 10.2

Separate, untwist and unkink the 80" accent light harness yellow wire (supplied with the fan) . Join the 80" accent light harness yellow wire to the motor housing yellow connector (Figure 21).

Feed the accent light harness yellow wire through the down rod, coupler cover and ceiling cover.

**NOTE: The red and brown wires coming from the top of the motor are capped with wire connectors. DO NOT remove these connectors.**

## 10.3

An accessory control is required to operate the optional accent light. See accessory control for wiring instructions.

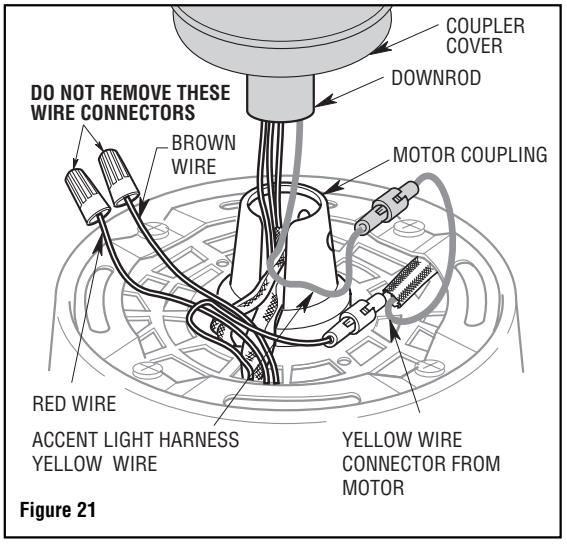



**Figure 21**

# 11. Optional AL100 Accent Light Installation

## 11.1

**CAUTION: To reduce the risk of electric shock, disconnect the electrical supply circuit to the fan before installing light kit assembly.**

Position the AL100 accent light so that the opening of the AL100 accent light slides through the downrod. Align the mounting holes of the AL100 accent light to the motor assembly (Figure 22).

**NOTE: Be sure the AL100 accent light connector is located close to the motor assembly connector for ease of installation.**

Install the AL100 accent light to the motor assembly using three AL100 accent light mounting screws (Figure 22).

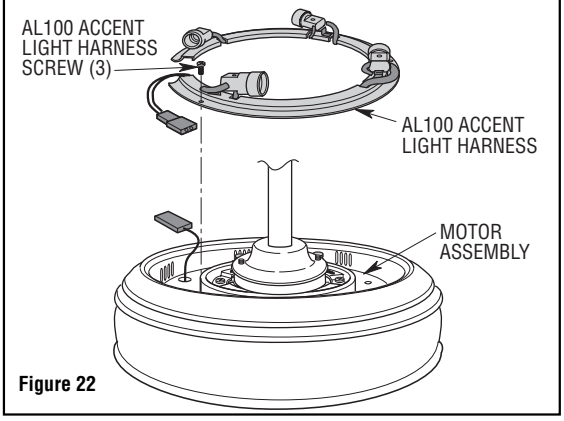



**Figure 22**

## 11.2

Securely connect the AL100 accent light connector to the motor assembly connector (Figure 23).

Screw the four 25-watt candelabra base bulbs (supplied) into the AL100 accent light sockets (Figure 23).

**NOTE: When installing an AL100 Accent Light, an Emerson Accessory must be installed in order to operate the light.**

**It is recommended to use either an Emerson SR600, SW605 or SR650 Transmitter and the RCK55 Receiver.**

**See RCK55 for installation instructions of the control.**

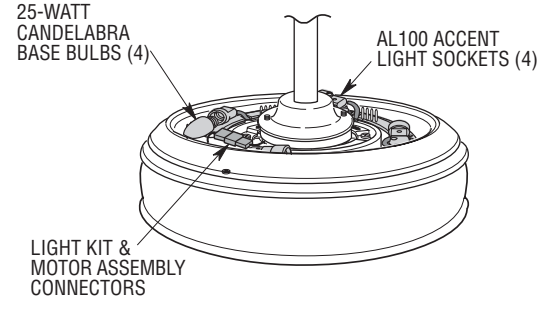


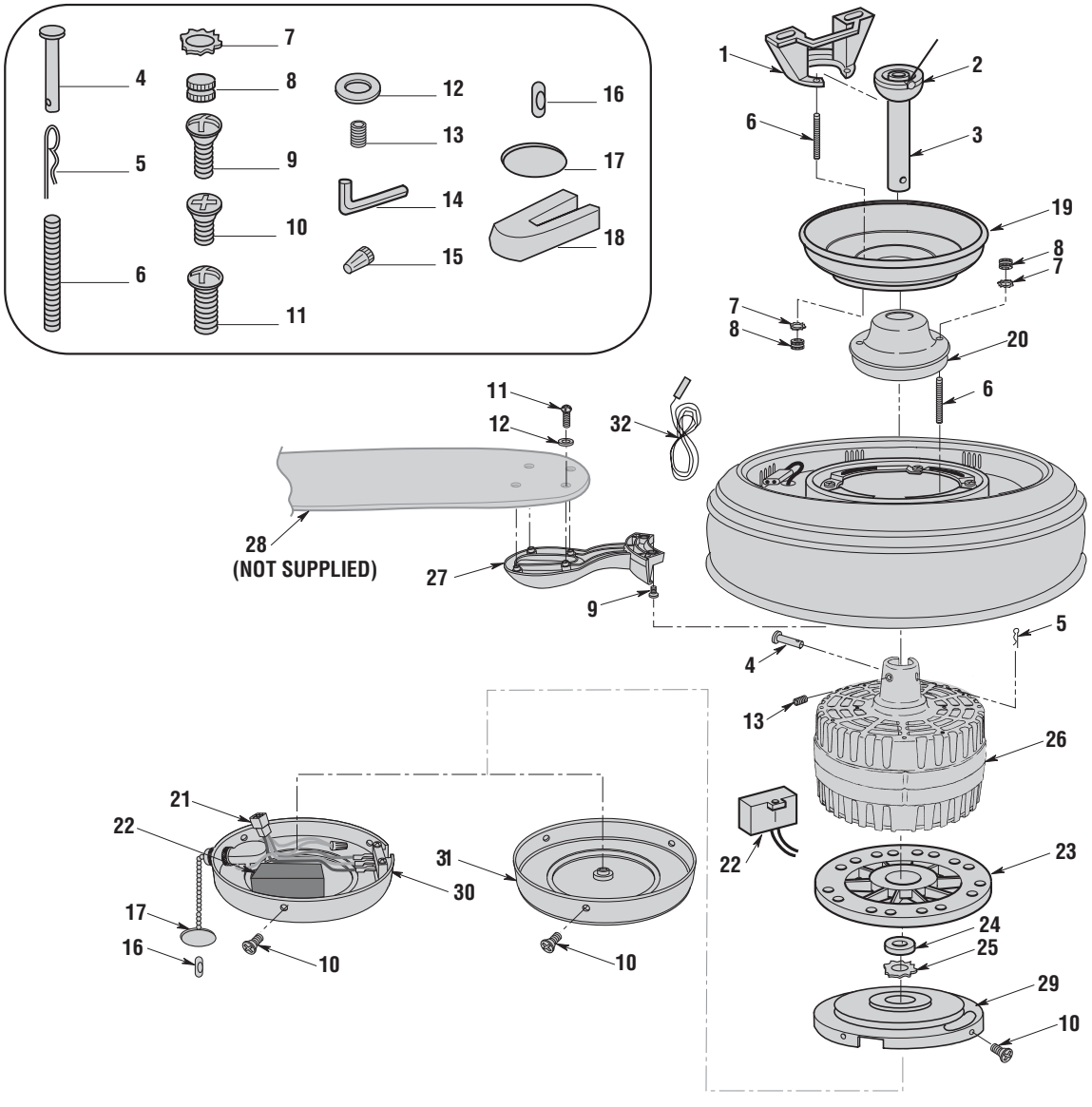

**Figure 23**

# 12. Trouble Shooting

**⚠ WARNING: FOR YOUR OWN SAFETY TURN OFF POWER AT FUSE BOX OR CIRCUIT BREAKER BEFORE TROUBLE SHOOTING YOUR FAN.**

| TROUBLE | PROBABLE CAUSE | SUGGESTED REMEDY |
|---|---|---|
| **1. Fan will not start.** | 1. Fuse or circuit breaker blown. | 1. Check main and branch circuit fuses or circuit breakers. |
| | 2. Loose power line connections to the fan, or loose switch wire connections in the switch housing. | 2. Check line wire connections to fan and switch wire connections in the switch housing.<br>**⚠WARNING: Make sure main power is turned OFF.** |
| | 3. Reversing switch in neutral position. | 3. Make sure reversing switch position is all the way to one side. |
| **2. Fan sounds noisy.** | 1. Blades not attached to fan. | 1. Attach blades to fan before operating. |
| | 2. Loose screws in motor housing. | 2. Check to make sure all screws in motor housing are snug (not over-tight). |
| | 3. Wire connectors inside switch housing rattling. | 3. Check to make sure wire connectors in switch housing are not rattling against each other or against the interior wall of the switch housing.<br>**⚠WARNING: Make sure main power is turned OFF.** |
| | 4. Screws holding blades to flywheel are loose. | 4. Tighten screws securely. |
| **3. Fan wobbles excessively.** | 1. Setscrew in motor coupling is loose. | 1. Tighten both setscrews securely in the motor coupling. |
| | 2. Setscrew in hanger ball/downrod assembly is loose. | 2. Tighten the setscrew in the hanger ball/ downrod assembly. |
| | 3. Screws securing fan blades to flywheel are loose. | 3. Check to be sure screws which attach the fan blades to the motor are tight. |
| | 4. Hanger bracket and/or ceiling outlet box is not securely fastened. | 4. Tighten the hanger bracket screws to the outlet box, and/or secure outlet box. |
| | 5. Fan blades out of balance. | 5. Interchanging an adjacent (side-by-side) blade pair can redistribute the weight and result in smoother operation. |

# 13. Repair Parts




**Before discarding packaging material, be certain all parts have been removed.**

## HOW TO ORDER REPAIR PARTS

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION:

- PART NUMBER
- NAME OF ITEM
- PART DESCRIPTION
- MODEL NUMBER

The model number of your Fan will be found on a label attached to the top housing.

For repair parts, phone 1-800-654-3545.

# 13. Repair Parts Listing

| Key No. | Description | Model Numbers | | | | | |
|---|---|---|---|---|---|---|---|
| | | CF5100BS00 | CF5100GES00 | CF5100ORB00 | CF5100SW00 | CF5100VNB00 | CF5100VS00 |
| * | Hanger Pack, Containing: | 761655-17 | 761655-35 | 761655-32 | 761655-92 | 761655-89 | 761655-93 |
| 1 | Hanger Bracket (1) | — | — | — | — | — | — |
| 2 | Hanger Ball Assembly (1) | — | — | — | — | — | — |
| 3 | Downrod (4.5") (1) | — | — | — | — | — | — |
| * | Parts Bag Containing: | 764421-1 | 764421 | 764421 | 764421-1 | 764421 | 764421 |
| 4 | Pin, Clevis (1) | — | — | — | — | — | — |
| 5 | Clip, Hairpin (1) | — | — | — | — | — | — |
| 6 | Threaded Stud, #8 - 32 x 1-1/4" (4) | — | — | — | — | — | — |
| 7 | Lockwasher, External Tooth #8 (4) | — | — | — | — | — | — |
| 8 | Knurled Knob, #8 - 32 (43) | — | — | — | — | — | — |
| 9 | Screw, Oval Head, #10 - 32 x 5/8" (11) | — | — | — | — | — | — |
| 10 | Screw, Flat Head, #6 - 32 x 3/8" (4) | — | — | — | — | — | — |
| 11 | Screw, Round Head, #10 - 24 x 12mm (21) | — | — | — | — | — | — |
| 12 | Lockwasher #10 (21) | — | — | — | — | — | — |
| 13 | Setscrew (1) | — | — | — | — | — | — |
| 14 | Wrench, Setscrew (1) | — | — | — | — | — | — |
| 15 | Wire Connector (5) | — | — | — | — | — | — |
| 16 | Coupling (1) | — | — | — | — | — | — |
| 17 | Pendant (1) | — | — | — | — | — | — |
| 18 | Balancing Kit (1) | — | — | — | — | — | — |
| 19 | Ceiling Cover (1) | 764411-BS | 764411-GES | 764411-ORB | 764411-SW | 764411-VNB | 764411-VS |
| 20 | Coupler Cover (1) | 764412-BS | 764412-GES | 764412-ORB | 764412-SW | 764412-VNB | 764412-VS |
| 21 | Wiring Harness (1) | 764422-1 | 764422 | 764422 | 764422-1 | 764422 | 764422 |
| 22 | Auxiliary Capacitor (1) | 763493 | 763493 | 763493 | 763493 | 763493 | 763493 |
| 23 | Hub, Rubber (1) | 760601 | 760601 | 760601 | 760601 | 760601 | 760601 |
| 24 | Spacer, Hub | 764420 | 764420 | 764420 | 764420 | 764420 | 764420 |
| 25 | Lockwasher, 9/16" | 762508 | 762508 | 762508 | 762508 | 762508 | 762508 |
| 26 | Motor | 762508 | 762508 | 762508 | 762508 | 762508 | 762508 |
| 27 | Blade Flanges (full set of 5 for 1 fan) | 764415-BS | 764415-GES | 764415-ORB | 764415-SW | 764415-VNB | 764415-VS |
| 28 | Fan Blades (sold separately) | * | * | * | * | * | * |
| 29 | Switch Cup Adapter (1) | 764417-BS | 764417-GES | 764417-ORB | 764417-SW | 764417-VNB | 764417-VS |
| 30 | Switch Cup Assembly (For Use with Manual Switches) (1) | 764418-BS | 764418-GES | 764418-ORB | 764418-SW | 764418-VNB | 764418-VS |
| 31 | Switch Cup (For Use with Control) (1) | 764419-BS | 764419-GES | 764419-ORB | 764419-SW | 764419-VNB | 764419-VS |
| 32 | Accent Light Harness (1) | 761790 | 761790 | 761790 | 761790 | 761790 | 761790 |
| — | Owner's Manual | BP7480 | BP7480 | BP7480 | BP7480 | BP7480 | BP7480 |

# NOTES

# Emerson Air Comfort Ceiling Fan Limited Warranty

**What The Limited Warranty Covers:**

This limited warranty is offered by Air Comfort Products division of Emerson Electric Co. (**"Emerson" "we"** or **"us"**) located at the address stated below to the original retail purchaser (**"you"** or **"your"**) of an Emerson Air Comfort Ceiling Fan product (**"Emerson Ceiling Fan"**) and covers the motor and the other components and accessories of the Emerson Ceiling Fan against all defects in workmanship and materials.

**What The Period Of Coverage Is:**

This limited warranty will cover the Emerson Ceiling Fan motor for the expected lifetime of your Emerson Ceiling Fan (when operated in accordance with your Owner's Manual or other instructions provided by Emerson to you with the Emerson Ceiling Fan). All other components and accessories of the Emerson Ceiling Fan are covered by this limited warranty for a period of one (1) year from its date of original retail purchase. ANY IMPLIED WARRANTY, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE THAT IS AVAILABLE TO YOU UNDER THE LAWS OF YOUR STATE OR PROVINCE SHALL COVER THE MOTOR FOR THE EXPECTED LIFETIME OF THE MOTOR (SUBJECT TO PROPER USE), AND FOR ONE YEAR WITH RESPECT TO COMPONENTS AND ACCESSORIES.

**No Other Express or Implied Warranty Applies:**

THE LIMITED WARRANTIES PROVIDED ABOVE ARE THE SOLE AND EXCLUSIVE WARRANTIES PROVIDED BY EMERSON TO YOU FOR YOUR EMERSON CEILING FAN, AND ARE IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, EXPRESS OR IMPLIED, WHETHER ARISING BY OPERATION OF LAW OR OTHERWISE, WHETHER OR NOT THE PURPOSE HAS BEEN DISCLOSED AND WHETHER OR NOT THE EMERSON CEILING FAN HAS BEEN SPECIFICALLY DESIGNED OR MANUFACTURED FOR YOUR USE OR PURPOSE. EMERSON HEREBY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE FOR COMPONENTS AND ACCESSORIES AS OF THE EXPIRATION OF THE ONE YEAR WARRANTY PERIOD FOR SUCH COMPONENTS AND ACCESSORIES. IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE FOR THE MOTOR PORTION OF THE EMERSON CEILING FAN ARE LIKEWISE DISCLAIMED BY EMERSON AT SUCH TIME THAT THE EXPECTED LIFETIME OF THE EMERSON CEILING FAN UNDER NORMAL USAGE HAS BEEN REACHED. EXCLUSIONS OR LIMITATIONS OF IMPLIED WARRANTIES MAY VARY FROM STATE TO STATE AND PROVINCE TO PROVINCE SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

**What We Will Do To Correct Problems:**

If during the one (1) year warranty period the motor or any component or accessory of your Emerson Ceiling Fan is defective in materials or workmanship, or if during the expected lifetime of the Emerson Ceiling Fan (when used in accordance with the User Manual or other instructions) the motor is defective in materials or workmanship, you must contact Emerson during the applicable warranty period. If the defect is covered by warranty, Emerson will repair or replace the defective motor, component or other accessory at no charge to you. If repair of the motor, component or accessory is not practical or possible within a reasonable time and no replacement Emerson Ceiling Fan can be provided, Emerson will refund to you the actual purchase price of your Emerson Ceiling Fan. We will ship the repaired or the replacement Emerson Ceiling Fan to you at no charge, but you are responsible for all costs of removal and reinstallation of your Emerson Ceiling Fan.

**How You Can Receive Warranty Service:**

You must be the original retail purchaser and have proof of your purchase of the Emerson Ceiling Fan to obtain your remedy under this limited warranty. You can return your Emerson Ceiling Fan to your place of purchase, or you can call Emerson Customer Service at 1-800-237-6511 to obtain a return authorization and service identification tag. In order for us to confirm that your Emerson Ceiling Fan is still under warranty, please retain your receipt or other proof of purchase and have that information readily available when returning your Emerson Ceiling Fan to your place of purchase, or upon calling Emerson Customer Service. If you call Emerson Customer Service, prior to your call please be prepared to provide all model numbers shown on your Emerson Ceiling Fan. Once we have processed your return authorization request, we will provide you with a postage paid return label which should be affixed to the Emerson Ceiling Fan package you ship to the address listed at the end of this limited warranty. The return label will be sent to the mailing address you provide to us by phone.

**What Is Not Covered:**

**This limited warranty does not extend to and expressly excludes:**

- The glass globes and light bulbs of your Emerson Ceiling Fan,
- Loss or damage to the motor or any component or accessory caused by normal wear and tear, rather than due to defects in materials or workmanship,
- Loss or damage resulting from conditions beyond our reasonable control, including without limitation, repairs not made at our factory or authorized service center, use of parts or accessories not provided to you as part of this warranty by our factory or authorized service center, mishandling, unreasonable use, misuse, abuse, modifications or other damage caused by you or a third party to your Emerson Ceiling Fan while not in our possession,
- Loss or damage resulting from improper installation, or other failure to comply with instructions in your Owner's Manual.

This limited warranty is deemed null and void upon the occurrence of either of the following events:

- You cease to own the Emerson Ceiling Fan product, or
- The Emerson Ceiling Fan is moved from its original point of installation.

This limited warranty is only valid within the 50 United States, the District of Columbia, and Canada. No other written or oral warranties apply, and no employee, agent, dealer or other person is authorized to give any warranties on behalf of Air Comfort Products or Emerson Electric Co.

**Limitation of Liability**

REPAIR, REPLACEMENT OR A REFUND ARE THE EXCLUSIVE REMEDIES AVAILABLE TO YOU UNDER THIS LIMITED WARRANTY. TO THE EXTENT PERMITTED BY LAW, IN NO EVENT SHALL EMERSON OR ANY EMERSON AUTHORIZED DEALER BE LIABLE FOR ANY INCIDENTAL, SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES, INCLUDING ANY ECONOMIC LOSS, WHETHER RESULTING FROM NONPERFORMANCE, USE, MISUSE OR INABILITY TO USE THE EMERSON CEILING FAN OR FOR THE NEGLIGENCE OF EMERSON OR AN EMERSON AUTHORIZED DEALER. EMERSON SHALL NOT BE LIABLE FOR DAMAGES CAUSED BY DELAY IN PERFORMANCE AND IN NO EVENT, REGARDLESS OF THE FORM OF THE CLAIM OR CAUSE OF ACTION (WHETHER BASED IN CONTRACT, INFRINGEMENT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE), SHALL EMERSON'S OR ANY EMERSON AUTHORIZED AGENT'S LIABILITY TO YOU OR ANY INDIVIDUAL USING THE EMERSON CEILING FAN EXCEED THE PRICE PAID BY THE ORIGINAL OWNER FOR THE EMERSON CEILING FAN. The term "consequential damages" shall include, but not be limited to, loss of anticipated profits, business interruption, loss of use or revenue, cost of capital or loss or damage to property or equipment.

**How State and Provincial Law Relates To The Warranty:**

Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages so the above exclusion or limitation may not apply to you. This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

EMERSON™

## Air Comfort Products

DIVISION OF EMERSON ELECTRIC CO.
8100 W. Florissant • St. Louis, MO 63136

Questions, problems, missing parts: Before returning to the store call
Emerson Electric Customer Service
8 a.m. - 6 p.m., Eastern, Monday-Friday

**1-800-654-3545**

**www.emersonfans.com**

Retain this manual for future use.

Part No. F40BP74800000
Revision: 131218

Printed in China
12/13

Form No. BP7480
U.L. Model No.: CF5100